

Figure 1A SEQ ID No 1.

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251 GCAGCCTGAC ATCTGAGGAC TCTGCGGTCT ATTACTGTGC AAGATCTACT  
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Figure 1B SEQ ID No 2.

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Figure 3a  
B7-1.5T4.1

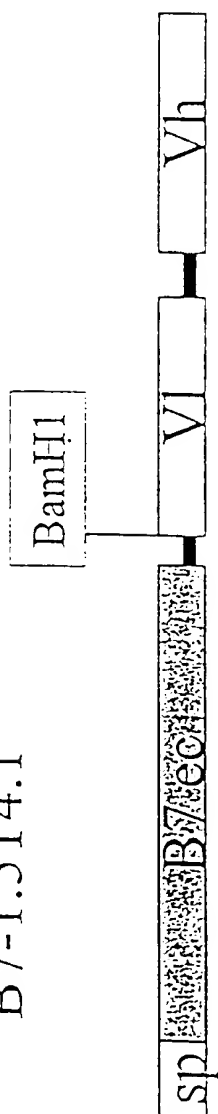
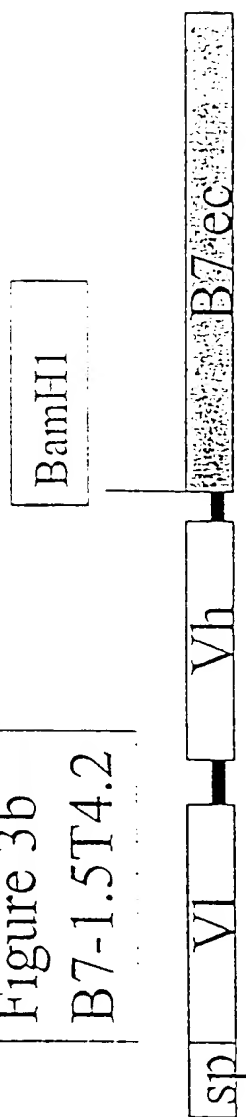


Figure 3b  
B7-1.5T4.2





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Figure 4 seq id No. 4.

Molecule Name-: B7-2(1-241)  
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Description:

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Date Printed 02 Jun 1997

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420 Recd PCT/PTO 05 DEC 1999

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Rebington, C.  
Ellard, E.  
Carroll, Miles

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cactggcgge gccgatcta gtattggggs ggggtggggs stgatgacc agactccac 1448
attctgctt gtttcagcag gagacagggt tvmtttvsag dvaccataa cctgcaaggc 1508
cagtcaagat gtgagtaatg atglagcttg gtattckass vndvawycc aacagaagcc 1568
agggcagttc ctcaactgc tcataccta tacatccakg stsytsgtcg ctacgttgga 1628
gtcctgactg gttcatttg cagtggatat ggaagcsrya gydrsgsygt gatttcactt 1688
tcaccatcag cactttgcag gctgaagacc tggcagttta dttstadavy tttctgtcag 1748
caagattata attctctcc gacgttcggt ggaggaacca cdynstgggt agctggaaat 1808
caataaakk
1809

```

<210> 4

<211> 887

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA

<400> 4

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atgggactga gtaacattct ctttgtgatg gccctcctgc tctctggtgc mgsnvmasga 60
tgctcctctg aagattcaag cttatttcaa tgagaactga gacctgccat akayntadgc 120
caatttgcaa actctcaaaa ccaaagcctg agtgagctag tagtatttca nsnsstvtgg 180
caggaccagg aaaaacttgg tctgaatgag gtatacttag gcaaagawdn vnvygkgaag 240
tttgacagtg ttcattccaa gtatatgggc cgcacaagtt ttgattkdsv hskymgrtsd 300
cggacagttg gacctgaga cttcacaatc ttcagatcaa ggacaagggc sdswtrhnkd 360
kgttgtatca atgtatcatc catcacaata agcccacagg aatgattcgc atychhkktg 420
mrccaccaga tgaattctga actgtcagtg cttgctaact tcagtcaacc tghmnssvan 480
saaatagtac caatttctaa tataacagaa aatgtgtaca taaatttgac cvsntnvynt 540
tgctcatcta tacacggtta ccagaacct aagaagatga gtgttttqct csshgkymks 600
vaagaaccaaa gaattcaact atcgagtatg atggtattat gcagaaatct crtknstydg 660
mkasaagataa tgtcacagaa ctgtacgacg tttccatcag cttgtctgtt tcadnvtadv 720
sssvstccc tgatgttacg agcaatatga ccattctctg tattctggaa actgadvtsn 780
mtctdcaaga cgcggtttt atcttcacct ttctctatag agcttgagga cctcktrss 840
sdagctccc ccagaccaca ttctggagg cgggggaccc dhggggs
887

```

<210> 5

<211> 1518

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA

<400> 5

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atggttga atttctagtt gatgcaggat acaccactcc tcaagtttcc atgtccagg 60
ctcattcttc tctttgtgct gctgatctgt cttccaaa ttctctcaga tgttgatgaa 120
caactgtcca agtcaatgaa agataaagta ttgttgcctt cccgttacaa ctctccgcat 180
gaagatgact ctgaadaccg aattctactg caaaaacata acaaaatggg gctgtctgtc 240

```

```

attttttggtt  aatttcaagt  atggcccccag  tatatttact  gacttttata  tgcacaaact  300
acttactctc  ttatcatcct  ggccttgatc  atttcaatc  ggggacata  cagctcttcc  360
atttcaaaac  actaatctat  acgtatctat  gttaaaact  tgggtttagt  aaattttgtc  420
atcaaaactc  acttctctac  cctaaatata  actgaatctc  gaaacccatc  ttccagaaat  480
aaaggattt  cctgctttgt  ttccgggggt  ttcccaaaag  ctgcttctc  ttggttggaa  540
aatggaaag  aattacctgg  catcaatacc  acaatttccc  aggatcctga  atctgaattg  600
tacaccatta  gtggtgaact  agatttcaat  acgactccca  accacaccat  taagtgtctc  660
attaaatatg  gagatgctca  cgtgtcagag  gaacttcaat  gggaaaaacc  tccagaacag  720
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cagagccatg  gaaagagcct  tgagtggatt  ggacgtatfa  atcctaaca  tgggtgttact  960
ctctacaacc  agaaattcaa  ggacaaggcc  atattaaactg  tagacaagtc  atccaccaca  1020
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tctactatga  ttacgaacta  tgttatggac  tactggggtc  aagtaacttc  agtcaccgtc  1140
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aaggccagtc  agagtgtgag  taatgatgta  gcttggtacc  aacagaagcc  agggcagctc  1320
cctacactgc  tcatatccta  tacatccagt  cgtacgctg  gactccctga  tgccttcaat  1380
ggcagtggtat  atgggaagg  tttaacttgc  accatcagca  ctttgccagg  tgaagacctg  1440
gcagtttatt  tctgtcagca  agattataat  tctctccga  cgttcgggtg  aggcaccaag  1500
ctggaaatca  aacggtaa  1518

```

<210> 6

<211> 2090

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA

<400> 6

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ctcagaccac  catgggatgg  agctgtatca  tctctctctt  ggtagcaaca  gctacagggtg  60
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tgaagatata  ctgcaaggct  tctggttact  cacttcaactg  ctactacatg  cactgggtga  180
agcagagcca  tggaaagagc  cttgagtgg  ttggacgtat  taatcctaac  aatgggttta  240
ctctctacaa  ccagaaattc  aaggacaagg  ccatattaac  tgtagacaag  tcatccacca  300
cagctacat  ggagctccgc  agcctgacat  ctgaggactc  tgggtctat  tactgtgcaa  360
gatctactat  gattacgaac  tatgttatgg  actactgggg  tcaagtaact  tcagtcaccg  420
tctcttcagg  tgggtgggtg  agcgggtggtg  gggcgaactg  cggcggcgga  tctagtattg  480
tgaagacca  gactcccaca  ttctgcttg  ttccagcagg  agacagggtt  accataacct  540
gcaaggccag  tcagagtgtg  agtaatgatg  tagcttggt  ccaacagaag  ccagggcagt  600
ctctacact  gctcatatcc  tatacatcca  gtcgctacgc  tggagtccct  gatcgttca  660
ttggcagtg  atatgggacg  gatttcactt  tcaccatcag  cactttgcag  gctgaagacc  720
tggcagttta  tttctgtcag  caagattata  attctctctc  gacgttcggg  ggaggacca  780
agcttgaaat  caaacggggc  tccacacaga  gccatccgt  cttcccttg  acccgctgct  840
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taccagccac  caccctcag  ctctctggtc  actatgccac  catcagcttg  ctgacctct  1020
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gcctcgtctc  tgggtacacc  ccagggaact  tcaacatcac  ctggctggag  gacgggcagg  1260
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aaagcgagct  cactctcagc  cagaagcact  ggetctcaga  ccgcacctac  acctgcagg  1380
tcaactatca  aggtcacacc  tttgaggaca  gcaaccaaga  gtgtgcagat  tccaaaccca  1440
aaagggtgag  cccctaccta  aacgggcaca  gccggttga  cctgttcaat  ccaagtctg  1500

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ccacatcac ctat ctggtg gtggaattat caaccacaa agaaacgtt aaattgaatt 1360
ggtcccggtt cagt ggaag cctgttaact atttaccacg aaaggaggag aaatgagaga 1630
atggaacgtt caacgttaca tccacccctg cpgtgagcac cagagacttg atcgaggga 1680
aaacttaca atgcaaggtg aacaaaccc aaattcccaag ggcctcatg cagtccagg 1740
caaaagaccg tggcctgggt gctgcacccg aagtcctatg gtttgcgac caggagtgg 1800
cggggagccg ggaacagcgg aacctcgctt gctgatcca gaacttcag cctgaggaca 1860
tctcggtgca gtggtgca caccaggtgc agctcccgga cgcacggcac agcagacac 1920
agcccgcaaa gacaaagggc tcgggtttct tctcttcag ccgctcgag gtgaccagg 1980
ccgaatggga gcaaaagat gacttctct cccgtgcagt ccatgaggca ccgagccct 2040
caacagaccg caaaagagg gtctctttaa atcccggtaa atgagagctc 2090

```

<210> 7

<211> 945

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA

<400> 7

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atggcttgca attgtcagtt gatgcaggat acaccactcc tcaagtttcc atgtccaagg 60
ctcattcttc tctttgtgct gctgattcgt ctttcacaag tgtcttcaga tgttgatgaa 120
caactgtcca agtcagtga agataaggta ttgctgcctt gccgttacaa ctctccgcct 180
gaagatgagt ctgaagaccg aatctactgg caaaaacatg acaaagtggg cctgtctgtc 240
attgctggga aactaaaagt gtggcccgag tataagaacc ggactttata tgacaacact 300
acctactctc ttatcactct ggcctggtc ctttcagacc ggggcacata cagctgtgtc 360
gttcaaaaga aggaagagg aacgtatgaa gttaaacact tggctttagt aaagtgtcc 420
atcaaagctg acttctctac cccaacata actgagtcct gaaaccctac tgcagacact 480
aaaaggatta cctgttttgc ttccgggggt ttcccaaagc ctcgcttctc ttggttggaa 540
aatggaagag aattacctgg catcaatacg acaatttccc aggatcctga atctgaattg 600
tacaccatta gtgccaact agatttcaat acgactcgca accacaccat taagtgtctc 660
attaaatatg gagatgctca cgtgtcagag gacttcacct gggaaaaacc cccagaagac 720
cctctgata gcaagcccg gggtggtgg agcgtggtg gcggcagtg cgccggcgga 780
actagtaata gtgactctga atgtccctg tcccaagatg ggtactgctt ccatgatgg 840
gtgtgcatgt atattgaagc attggacaag tatgcatgca actgtgttgt tggctacatc 900
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<210> 8

<211> 47

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 8

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ctagttccgc cgcgcgaact gccgcacaa ccgtctccac caccccc 47

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<210> 9

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 4  
ctcgaatttc agctcatttt ctgatttttt gttttttt 38

<210> 10  
<211> 30  
<212> DNA  
<213> Artificial Sequence 1

<220>  
<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 10  
ctccccgggg ttgctatcag gagggtcttc 30

<210> 11  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 11  
ctcactagtg aggtccagct tcagcagtc 29

<210> 12  
<211> 44  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 12  
ctcgcggcgg cttaccgttt gatttccagc ttgggtccct cacc 44

<210> 13  
<211> 87  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 13  
ctagactcga gccaccatgg gatggagctg tatcattctc ttcttggtag caacagctac 60  
aggtatccac tccgaggctc agctcga 87

<210> 14  
<211> 79  
<212> DNA  
<213> Artificial Sequence



<220>  
 <223> Description of Artificial Sequence: SYNTHETIC  
 OLIGONUCLEOTIDE

<400> 14  
 actgagacctc ggagtagaca catgtagctg ttgctaccaa gaagaggatg atacagctc 60  
 atccatggt qactgagt 79

<210> 15  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: SYNTHETIC  
 OLIGONUCLEOTIDE

<400> 15  
 gtccagctgc aacagtctgg 20

<210> 16  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: SYNTHETIC  
 OLIGONUCLEOTIDE

<400> 16  
 cgtttgattt caagcttggt gc 22

<210> 17  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: SYNTHETIC  
 OLIGONUCLEOTIDE

<400> 17  
 gcgcaagctt gaaatcaaac gggctccac caagggccca 40

<210> 18  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: SYNTHETIC  
 OLIGONUCLEOTIDE

<400> 18  
 aggtctggg tcatttacc gaataaaa 30

<210> 19  
<211> 40  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 19  
gagcaagctt gaaatcaaac gggcctccac acagagccca

<210> 20  
<211> 31  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 20  
ggcctcgag tcatttacgg ggatttacag a

<210> 21  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 21  
ggactagtaa tagtgactct gaatgtccc

<210> 22  
<211> 34  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 22  
attagcggcc gcttagcgca gttcccacca ctte

<210> 23  
<211> 68  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 23  
aaacttccac catgggtatg aatggatga tctctcttt ggtagcaca gctacaggtg 60  
tccactcc 68

<210> 24  
<211> 43  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC  
OLIGONUCLEOTIDE

<400> 24  
gggggtggtg ggagcgggtg tggcggaqt gggggggcg gaa 43